



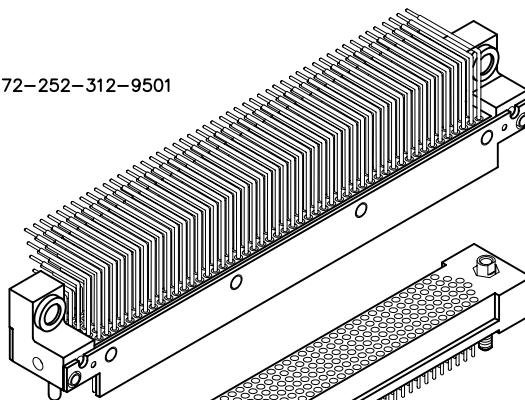
# 6 • ROW Daughterboard to Motherboard or Chassis

.075"

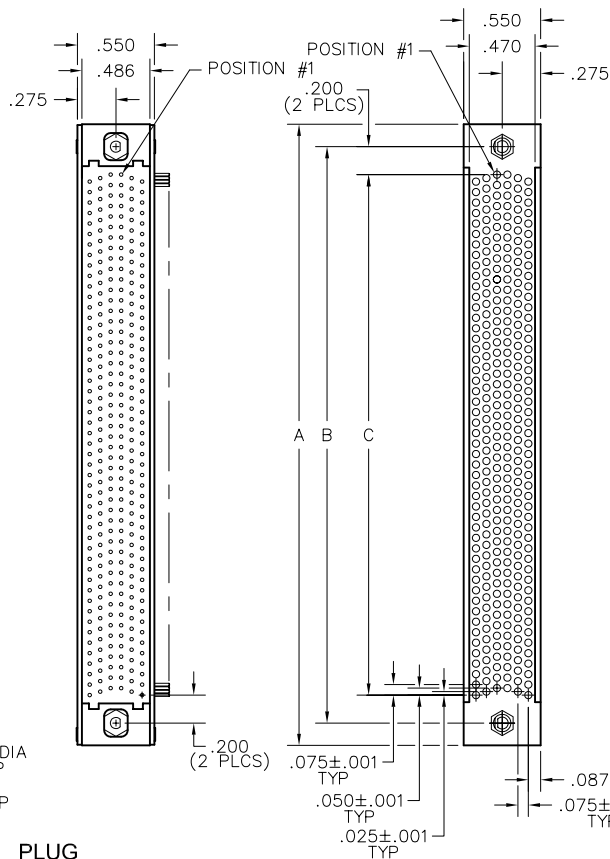
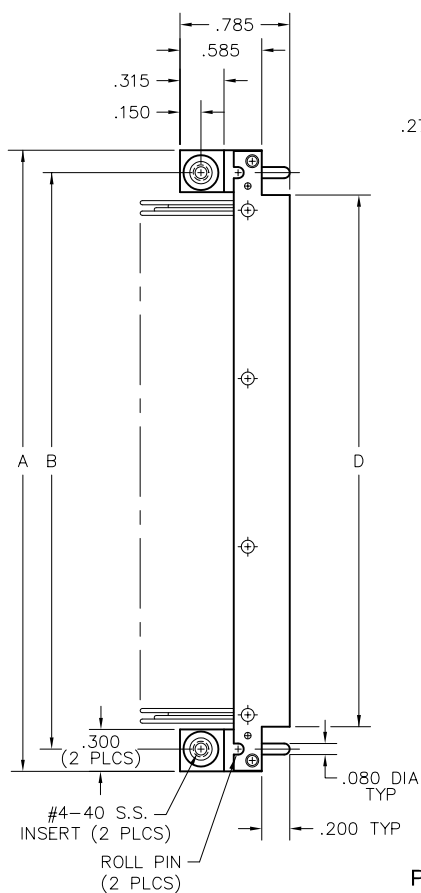
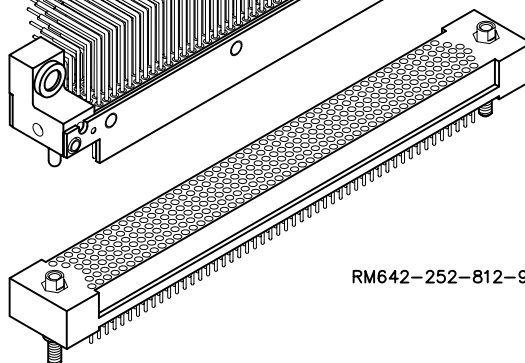
**RM6**

162 thru 402 Contacts

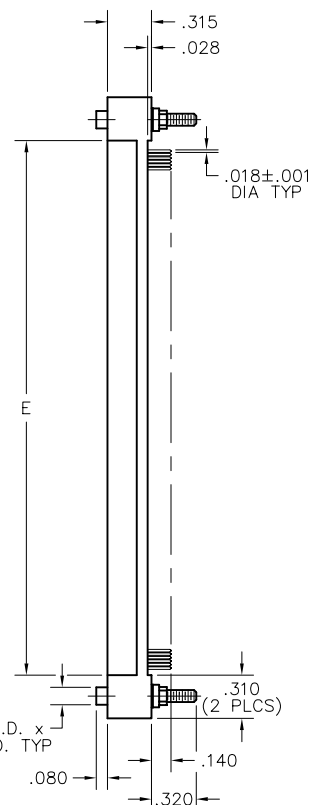
RM672-252-312-9501



RM642-252-812-9601



PLUG



RECEPTACLE

| DIMENSIONS |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|
| SIZE       | A     | B     | C     | D     | E     |
| 162        | 2.720 | 2.400 | 2.000 | 2.080 | 2.100 |
| 204        | 3.245 | 2.925 | 2.525 | 2.605 | 2.625 |
| 252        | 3.845 | 3.525 | 3.125 | 3.205 | 3.225 |
| 300        | 4.445 | 4.125 | 3.725 | 3.805 | 3.825 |
| 360        | 5.195 | 4.875 | 4.475 | 4.550 | 4.575 |
| 402        | 5.720 | 5.400 | 5.000 | 5.080 | 5.100 |

**PLUG:** RM672-252-312-9501  
**RECEPTACLE:** RM642-252-812-9601  
 XXXXX-XXX-XXX-XXXX

**PLUG**
**RECEPTACLE**

| SERIES |
|--------|
|--------|

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| RM .075" Screw Machine PC Connector | RM .075" Screw Machine PC Connector |
|-------------------------------------|-------------------------------------|

| BODY |
|------|
|------|

|                                                        |                                                           |
|--------------------------------------------------------|-----------------------------------------------------------|
| 6 6-Row                                                | 6 6-Row                                                   |
| 7 BODY STYLE:<br>Plug, right angle, with mounting ears | 4 BODY STYLE:<br>Receptacle, straight, with mounting ears |
| 2 BODY MATERIAL:<br>Polyphenylene sulfide (PPS)        | 2 BODY MATERIAL:<br>Polyphenylene sulfide (PPS)           |

| SIZE |
|------|
|------|

|                              |                              |
|------------------------------|------------------------------|
| 162, 204, 252, 300, 360, 402 | 162, 204, 252, 300, 360, 402 |
|------------------------------|------------------------------|

| CONTACTS |
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| TYPE CONTACTS/TERMINATIONS:<br>31 Pin, right angle, dip solder, .109" x .019" dia<br>32 Pin, right angle, dip solder, .140" x .019" dia<br>33 Pin, right angle, dip solder, .172" x .019" dia<br>34 Pin, right angle, dip solder, .250" x .019" dia | TYPE CONTACTS/TERMINATIONS:<br>75 Socket, straight, dip solder, .250" x .018" dia<br>76 Socket, straight, solder cup<br>77 Socket, straight, flex, .093" x .017" dia<br>81 Socket, straight, dip solder, .109" x .018" dia<br>82 Socket, straight, dip solder, .140" x .018" dia<br>83 Socket, straight, dip solder, .172" x .018" dia<br>87 Socket, straight, press-fit, .188" (Board: .093" - .125" thk)<br>88 Socket, straight, press-fit, .308" (Board: .156" - .200" thk)<br>89 Socket, straight, press-fit, .388" (Board: .250"+ thk) |
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLATING OPTIONS:<br>1 Gold plated termination<br>2 Pre-tinned termination, SnPb alloy <input checked="" type="checkbox"/><br>3 Pre-tinned termination, SAC305 alloy | PLATING OPTIONS:<br>1 Gold plated termination<br>2 Pre-tinned termination, SnPb alloy (dip solder options only) <input checked="" type="checkbox"/><br>3 Pre-tinned termination, SAC305 alloy (dip solder options only) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| HARDWARE |
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|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STYLE OF HARDWARE:<br>0256 None<br>83 Fixed jackset, reversed, installed<br>90 Guide pins, full round, installed<br>93 Fixed jackset, installed<br>95 Guide pins, polarized, unassembled<br>9501 - 9536 Guide pins, polarized, installed<br>99 Guide pins, universal, installed | STYLE OF HARDWARE:<br>0256 None<br>82 Hex turning jackset, reversed, installed, .200 knob<br>83 Fixed jackset, reversed, installed, #2-56 x .247" thd ext<br>84 Fixed jackset, reversed, installed, #2-56 x .320" thd ext<br>91 Guide sockets, full round, installed, #2-56 x .247" thd ext<br>92 Hex turning jackset, installed, .200 knob<br>93 Fixed jackset, installed, #2-56 x .247" thd ext<br>94 Fixed jackset, installed, #2-56 x .320" thd ext<br>96 Guide sockets, polarized, unassembled, #2-56 x .320" thd ext<br>9601 - 9636 Guide sockets, polarized, installed, #2-56 x .320" thd ext<br>97 Guide sockets, polarized, unassembled, #2-56 x .247" thd ext<br>9701 - 9736 Guide sockets, polarized, installed, #2-56 x .247" thd ext<br>98 Guide sockets, universal, installed, #2-56 x .247" thd ext |
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|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| POLARIZATION:<br>00 None<br>01 thru 36 are special identifiers, see page R-57 | POLARIZATION:<br>00 None<br>01 thru 36 are special identifiers, see page R-57 |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|

☒ = Option not RoHS compliant